



## PATENT ABSTRACTS OF JAPAN

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(21) Application number: **01079274**(22) Date of filing: **29.03.89**(71) Applicant: **NEC CORP**(72) Inventor: **MIZUNO TSUKASA****(54) COOLER FOR ELECTRONIC DEVICE****(57) Abstract:**

**PURPOSE:** To curtail the labor and time for recovering the data after the recovery of abnormality by utilizing a gap until an operating temperature of a part to be cooled reaches the prescribed upper limit temperature after abnormality is generated in a cooling mechanism, and saving the data to an external storage device such as a magnetic disk, etc.

**CONSTITUTION:** When it is detected that abnormality of an operation whose control is difficult such as a supply stop of secondary cooling water to a heat exchanger 21a in a cooling mechanism 20 and an operation stop of a pump, etc. is generated, a microprocessor 22a decides whether an operating temperature which is read from a signal line 26 exceeds the prescribed upper limit value or not. Unless this operating temperature exceeds the prescribed upper limit value, the microprocessor 22a sends out a saving command of data to an operation control part 13 of an electronic device 10 through an output part 22c and a control line 23. The operation control part 13 which receives this command stops a regular operation of a logic integrated circuit and a storage integrated circuit for constituting a part 11 to be cooled and commands to save the data to an external

storage part 14. In such a way, the labor and time for recovering the data after the recovery of abnormality can be curtailed.

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